

ABSTRACT

A resistive composition for screen printing onto a substrate to form a cured film.

- 5 The resistive composition, based on total composition, has a) 5 -30 wt. % of polymer resin, b) 10-30 wt. % conductive particles selected from the group consisting of carbon black, graphite and mixtures thereof and c) 0.1-10 wt. % zirconia particles, wherein all of (a), (b), and (c) are dispersed in a 60-80 wt. % organic solvent. A cured resistive film composition is also disclosed.